

Welcome to the 21st Transducer Workshop

Sponsored by the Vehicular Instrumentation/Transducer Committee, Telemetry Group, of the Range Commanders Council, Ray Faulstich Committee Chairman

General Chairman: Jim Barnes, Dugway Proving Ground

Session Chairman: Sam Marderness, Aberdeen Test Center

Session Chairman: Dave Banaszak, Air Force Research Laboratory

- ◆ Practical approach to the solution of measurement problems.
- ◆ Focus on transducers and related instrumentation used in measurement engineering.
- ◆ Designed for discussion of presentations and papers presented.
- ◆ Attendees share knowledge and experience through open discussion.



The Range Commanders Council is dedicated to serving the technical and operational needs of U.S. test, training, and operational ranges. The RCC provides a framework wherein:

- ◆ Common needs are identified, and common solutions are sought
- ◆ Technical standards are established and disseminated
- ◆ Joint procurement opportunities are explored
- ◆ Technical and equipment exchanges are facilitated
- ◆ Advanced concepts and technical innovations are assessed, and potential applications are identified



Telemetry Group

The Telemetry Group (TG) works with telemetry gathering instrumentation such as airborne transmitting devices, receiving systems, recording systems, and signal processing equipment. The group fosters the compatibility of telemetry systems and data and facilitates the transfer of telemetry data among users and test and training ranges.



Vehicular Instrumentation/Transducer Committee

- ◆ Investigates, develops, and maintains standards and test methodology primarily for vehicular instrumentation applications. Focus areas are data acquisition and collection, transducer applications, and calibration.
- ◆ **Responsible Documents / Chapters**
 - IRIG 118, Volume I, "Test Methods for Telemetry Systems and Subsystems"
 - IRIG 106 Part 1, "Telemetry Systems"
 - Chapter 5, "Digitized Voice"
 - Chapter 8, "1553 Acquisition Format"
 - Appendix F, "CVSD Modulation (Digitized Voice)"
 - IRIG 106 Part 2, "Telemetry Networks"
 - Chapter 3 "Intervehicular Transport Profile"
 - Appendix B "Instrumentation System Issues (Informative)"
 - Appendix C "Intravehicular Physical Considerations (Informative)"